

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	385	sulfonated with (hose or connector or part) and (tank)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 18:44
S2	53	S1 and (fuel or gasoline)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 18:45
S3	22	S1 and (fuel or gasoline) with tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 18:45
S4	1	("20070029329").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/05 18:48
S5	1191	sulfonat\$3 and (fuel or gasoline) near3 tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:42
S6	954	S5 not fuel adj cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:42
S7	779	S6 and (@rlad<"20030603" or @ad<"20030603" or @pd<"20030603")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:45
S8	372	(sulfonating or sulfonated) and (fuel or gasoline) near3 tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:50

S9	193	S8 not fuel adj cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:50
S10	149	S9 and (@rlad<"20030603" or @ad<"20030603" or @pd<"20030603")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 15:50
S11	1	(10/008431).APP.	USPAT; USOCR	OR	ON	2009/06/07 15:52
S12	50	("20030091741" "2832697" "3613957" "3684554" "3685446" "3689810" "3705041" "3725109" "3740258" "3770706" "3779840" "3824762" "3828960" "3856172" "3911184" "3916048" "3921844" "3947539" "3959561" "3993811" "3996725" "4105841" "4220739" "4457977" "4518681" "4615914" "4745015" "4759814" "4775587" "4861250" "4902493" "4915912" "5030399" "5229077" "5233081" "5261764" "5308587" "5374314" "5565248" "5677010" "5679412" "5849818" "6276296" "6572835").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/07 15:52
S13	2000	(sulfonating or sulfonated) and tank and (connector or hose or connection or accessory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:06
S14	151	S13 and (adher\$3 or bod\$3 or adhesive or weld\$3 or fuse or fusing or fused or join\$3) with tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:07

S15	617	(fuel or gasoline) near3 tank and multilayer and mold\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:08
S16	121	S14 not fuel adj cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:09
S17	1	("6758910").URPN.	USPAT	OR	ON	2009/06/07 16:20
S18	13681	(halogenat\$3 or halogeniz\$3 or fluorinat\$3 or chlorinat\$3) and tank and (connector or hose or connection or accessory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:36
S19	187	(halogenat\$3 or halogeniz\$3 or fluorinat\$3 or chlorinat\$3) and tank with (connector or hose or connection or accessory or line or filler) with (adher\$3 or bond\$3 or weld\$3 or adhesive or fuse or fusing or fused)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:36
S20	183	S19 not fuel adj cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:37
S21	145	S20 and (@rlad< "20030603" or @ad< "20030603" or @pd< "20030603")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 16:37
S22	4424	(filler adj neck) or (rollover adj valve) and tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 10:51
S23	3225	((filler adj neck) or (rollover adj valve)) and tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 10:51

S24	2356	((filler adj neck) or (rollover adj valve)) and (fuel or gasoline) adj tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 10:52
S25	1533	((filler adj neck) or (rollover adj valve)) and (fuel or gasoline) adj tank.ti,ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 10:58
S26	263	((rollover adj valve)) and (fuel or gasoline) adj tank.ti,ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 10:59
S27	1	"20030091741".pn. and rins \$3	US-PGPUB; USPAT	OR	ON	2009/06/09 11:58
S28	5607	sulfonat\$3 and tank and rins \$3	US-PGPUB; USPAT	OR	ON	2009/06/09 12:03
S29	61	S28 and polyalkyleneimine	US-PGPUB; USPAT	OR	ON	2009/06/09 12:03
S30	3	S29 and (fuel or gasoline)	US-PGPUB; USPAT	OR	ON	2009/06/09 12:36
S31	244	sulfonat\$3 and (fuel or gasoline) adj tank and wash \$3	US-PGPUB; USPAT	OR	ON	2009/06/09 12:40
S32	0	S31 and polyalkyleneimine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 12:41
S33	64	sulfonat\$3 and (fuel or gasoline) adj tank and rins \$3	US-PGPUB; USPAT	OR	ON	2009/06/09 12:42
S34	33	sulfonat\$4 with weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:17
S35	7460	sulfonat\$4 with bond\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:20

S36	306	sulfonat\$4 with bond\$3 with (improv\$3 or better or remov\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:21
S37	1	("20070029329").PN.	US-PGPUB; USPAT	OR	OFF	2010/06/02 10:22
S38	391	sulfonat\$4 same weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:23
S39	20	sulphonat\$4 with weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:24
S40	19	S39 not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:24
S41	20	sulfonat\$4 with bond\$3 with (improv\$3 or better or remov\$3) with metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:48
S42	51	S36 same metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:48
S43	5	S36 same plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:49
S44	4	(S34 or S39) same plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:49

S45	14	(S34 or S39) same metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 10:50
S46	67	sulphonat\$4 with bond\$3 with (improv\$3 or better or remov\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 11:59
S47	194	(sulphonat\$4 or sulfonat\$3) with adhesion with (improv \$3 or better or remov\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 12:51
S48	182	S47 not detergent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 16:06
S49	165	S48 not S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/02 16:06
S50	65	(sulphonat\$4 or sulfonat\$3) with adhesion with (reduc\$3 or decreas\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 08:46

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	225	sulfonat\$3.clm.	UPAD	OR	ON	2010/06/04 15:43
L2	68	1 and (fuel or tank or gasoline)	UPAD	OR	ON	2010/06/04 15:43
L3	9	sulfonat\$3.clm. and weld\$3	UPAD	OR	ON	2010/06/04 15:44

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